

Converting Colors

HunterLab(18.6653, -10.2573,
-2.4625)

Have a look what the booklet for
HunterLab(18.6653, -10.2573,
-2.4625) contains.

HunterLab(18.8626, -10.0000, -1.9894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.8626,
-10.0000, -1.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	003C3C
RGB	0, 60, 60
RGB Percent	0%, 24%, 24%
CMY	1.0000, 0.7647, 0.7647
CMYK	1.00, 0.00, 0.00, 0.76
HSL	180°, 100%, 12%
HSV	180°, 100%, 24%
XYZ	2.4315, 3.5580, 4.8336
YIQ	42.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

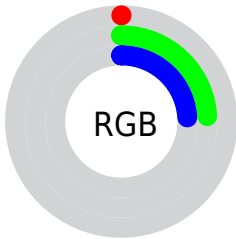
Format	Color
RYB	0, 30, 60
Decimal	15420
CIELab	22.15, -17.12, -5.04
CIELCh	22, 17.850, 196.385
Yxy	3.5581, 0.2247, 0.3287
Android (android.graphics.Color)	4278205500 (0xFF003C3C)
YUV	42.0600, 8.8444, -36.8866
Hunter-Lab	18.8626, -10.0000, -1.9894

Details

The HunterLab color **18.8626, -10.0000, -1.9894** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.8020, 16.7841, 6.3330**, and the grayscale version is **15.2168, -0.8119, 0.8268**.

A 20% lighter version of the original color is **35.5760, -13.5702, -1.4977**, and **6.2074, -2.8112, -1.6902** is the 20% darker color. If you saturate the color by 10%, you get **18.8629, -10.0003, -1.9892**, and if you desaturate by 10%, it is **18.9653, -9.5964, -1.8465**.

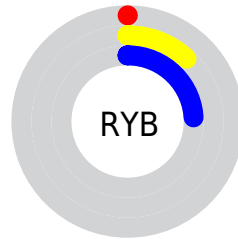
Distribution



Red (0%)

Green (24%)

Blue (24%)



Red (0%)

Yellow (12%)

Blue (24%)

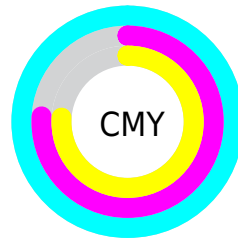


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (100%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8626, -10.0000, -1.9894 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 18.8626, -10.0000, -1.9894 by changing the saturation by 10% instead.

■ 18.8626, -10.0000,
-1.9894

■ 18.8626, -10.0000,
-1.9894

■ 116.1201,
-23.9626, 1.0780

■ 11.9565, -8.0716,
-2.0091

■ 35.4955, -13.4145,
-1.6965

■ 4.8824, -8.5441,
-4.0093

■ 45.0342, -15.0034,
-1.4486

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3010, -16.5472,
-1.1435

0.0000, NaN, NaN

■ 66.2476, -18.0602,
-0.7869

0.0000, NaN, NaN

■ 77.8341, -19.5521,
-0.3833


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.0269, -21.0300,


0.0640


0.0000, NaN, NaN


 102.7972,
-22.4988, 0.5519


 18.8626, -10.0000,
-1.9894


 18.8626, -10.0000,
-1.9894


 18.8629, -10.0003,
-1.9892

 18.9653, -9.5964,
-1.8465

 19.0690, -9.1899,
-1.7028

 19.2008, -8.6769,
-1.5214

 19.3709, -8.0207,
-1.2892

 19.5810, -7.2189,
-1.0053

■ 19.8324, -6.2720,
-0.6698

■ 20.1257, -5.1834,
-0.2838

■ 20.4611, -3.9588,
0.1508

■ 20.8386, -2.6058,
0.6315

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.8629, -10.1045, 3.2143



18.8626, -10.0000, -1.9894



18.8629, -7.6710, -7.6524

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8629, -10.0000, -1.9891



18.8629, 7.1454, -7.1710



18.8629, 1.5086, 8.3437

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.8626, -10.0000, -1.9894



9.8020, 16.7841, 6.3330

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.8629, 6.7323, 6.8860



18.8626, -10.0000, -1.9894



18.8629, 10.2263, -1.4589

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8629, -10.0000, -1.9891



18.8629, 2.0231, -11.1742



18.8629, 10.0671, 3.6146



18.8629, -3.8580, 8.2761

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.8626, -10.0000, -1.9894



18.8629, -5.0030, -10.5014



18.8629, 10.0671, 3.6146



18.8629, 3.3510, 8.0385

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.8629, -10.0000, -1.9891



26.4313, -7.0404, -0.4508



17.9953, -15.3383, 10.8197



13.9709, -3.8577, -0.2840



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.8629, -10.0000, -1.9891



24.8282, -13.1629, -2.6183



11.4297, 0.3900, -15.1268



11.3863, -1.3007, 0.3863



29.8031, -15.8003, -3.1429



75.7817, -40.1762, -7.9916

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9.8020, 16.7841, 6.3330



12.9012, 22.0937, 8.3364



13.5630, 6.5739, 8.4721



10.8427, 0.1494, 0.8331



15.4862, 26.5206, 10.0067



39.3776, 67.4353, 25.4448

Previews

White Background



This preview shows how the HunterLab color 18.8626, -10.0000, -1.9894 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

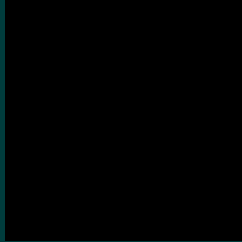
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

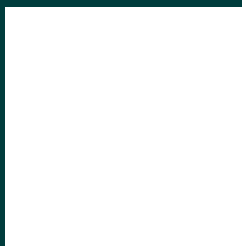
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.8626, -10.0000, -1.9894 Background



This preview shows how black text looks on a background with the HunterLab color 18.8626, -10.0000, -1.9894.



This preview shows how white text looks on a background with the HunterLab color 18.8626,

-10.0000, -1.9894.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.8626, -10.0000, -1.9894

Protanopia

19.0158, -0.3460, 0.0460

Deuteranopia

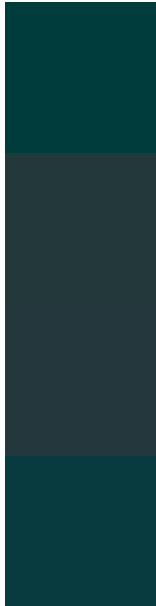
19.0158, 1.2009, -2.4713



Tritanopia

18.8924, -8.2376, -3.7250

Trichromacy



Original Color

18.8626, -10.0000, -1.9894

Protanomaly

18.6114, -5.5967, -0.9612

Deuteranomaly

18.5111, -4.4145, -2.8114

Tritanomaly

18.7936, -8.6805, -3.4073

Monochromacy



Original Color

18.8626, -10.0000, -1.9894

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.2831, -5.4232, -0.6417

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8626, -10.0000, -1.9894 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 60)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8626, -10.0000, -1.9894 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 60, 60) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 60, 60) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 60, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 60, 60); box-shadow:4px  
4px 4px 4px rgb(0, 60, 60) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.8626, -10.0000, -1.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 60) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 60,  
60) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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